

IMPORTANT

BLANKS SHOULD BE COMPLETELY FILLED OUT AND RETURNED BY FEBRUARY 1, 1938

1765600 - R8 SDMS

METAL MINES AND MILLS

Name of Mine or Plant St. Louis Tunnel and other properties
See remarksCounty Dolores, Post Office Rico, District _____

REPORT TO BUREAU OF MINES

STATE OF COLORADO

FOR THE YEAR 1937

OPERATOR.

Name of Company, Partnership or Individual } St. Louis Smelting & Refining Company
Address of Principal Office 722 Chestnut Street, St. Louis, Mo.
Local Office Rico, ColoradoIf incorporated, under the laws of what state? Missouri

Names, titles and addresses of officers, partners.

Name and Address of Owner Same as operator

If names of claims have been listed in previous reports, only changes, if any, need be given.

Names and Numbers of patented claims _____

Total acreage _____

Names of unpatented claims _____

Total acreage _____

Do you own these claims, or do you operate them under lease? Own

Was your property operated in whole or in part during the past year? Only maintenance & development work

If you have given a lease to others for all or part of the property, state the names and P. O. address of the leasing companies, partnerships or individuals, together with the name or description of part leased, next below:

Is the work done by your lessees included in this report? _____

Have you a mill or reduction works? No If so, what is its character and capacity? _____

List all improvements and developments made during the past year drifting from main tunnel and upraise from drift.

PRODUCTION None

CRUDE OR SHIPPING ORE: No. tons _____ Average gross value per ton \$ _____

Total value \$ _____ Average grade of different metallic content in ores as follows:

Gold _____ oz.	Lead _____ %	Copper _____ %	Sulphur _____ %
Silver _____ oz.	Zinc _____ %	Iron _____ %	Insoluble _____ %

MILLING ORE: Tons milled _____ Milling processes employed _____

Average gross value per ton crude ore milled \$ _____ Average grade crude ore milled in different metals as follows:

Gold _____ oz.	Lead _____ %	Copper _____ %	Sulphur _____ %
Silver _____ oz.	Zinc _____ %	Iron _____ %	Insoluble _____ %

CONCENTRATES: No. tons concentrates obtained from ores milled _____ Ratio of reduction _____ tons into 1. Average value per ton concentrates \$ _____ Total value \$ _____

Average grade concentrates in the different metals as follows:

Gold _____ oz.	Lead _____ %	Copper _____ %	Sulphur _____ %
Silver _____ oz.	Zinc _____ %	Iron _____ %	Insoluble _____ %

State average costs per ton for mining \$ _____, hauling \$ _____, freight \$ _____, milling \$ _____, smelting \$ _____.

If any of the following metals are produced, give percentage, amount and value of each as follows:

Tungsten _____%, amount _____, value \$ _____. Uranium _____%, amount _____, value \$ _____. Vanadium _____%, amount _____, value \$ _____. Molybdenum _____%, amount _____, value \$ _____. Fluorspar _____%, amount _____, value \$ _____.

LABOR DATA

MINE					MILL		
No. of Days Operated	Average Number of Men Employed and Shifts Worked				No. of Days Operated	Average Number of Men Employed and Shifts Worked	
	Underground	No. of Shifts	Surface	No. of Shifts		No. of Men	No. of Shifts
312	22	6980	29	285 533	-	-	-

CLASSIFICATION OF LABOR IN AND ABOUT METAL MINES
UNDERGROUND SURFACE

		Total 8 hr. Shifts	Wage per Shift		Total 8 hr. Shifts	Wage per Shift
0 Foreman		242	\$ 6.55	Topmen (Laborers)	252	\$ 4.15
1 Miners		1731	\$ 5.15	Engineers		\$
2 Machine Runners			\$	Firemen		\$
3 Machine Helpers			\$	Machinists	5	\$ 4.05
4 Trammers & Muckers	4093	\$ 5.75		Blacksmiths		\$
5 Agers Blacksmith	206	\$ 5.75		Carpenters	36	\$ 4.85
6 Timbermen	566	\$ 4.65		Superintendents		\$
7 Pumpmen		\$		Foremen		\$
8 Electricians	142	\$ 5.25		Shift Bosses		\$
9 Other Underg'nd Labor		\$				

Total number of shifts performed by all men employed underground 6980
Total number of shifts performed by all men employed on surface ~~285~~ 533

Classification of Labor in Ore Dressing Plants, Mills and Other Surface Occupations

	Total 8 hr. Shifts	Wage per Shift		Total 8 hr. Shifts	Wage per Shift
Mill Superintendents		\$	Ore Sorters		\$
Mill Foremen		\$	Tram Men		\$
Mill Shift Bosses		\$	Teamsters		\$
Millmen		\$	Timekeepers		\$
Roustabouts		\$	Bookkeepers	240	\$ 4.00
Machinists		\$	Storekeepers		\$
Electricians		\$	Cooks		\$
Carpenters		\$	Waiters		\$

Total number of shifts performed by all men employed in Mills, etc. ~~840~~
Total cost of operations during the year. If this cannot be given accurately, give approximately:
Total payroll \$35,720.66

Remarks: This report covers all our properties in the Rico District.
See separate report on property in the Kerber Creek District,
Saguache County.

Dated at St. Louis, Missouri
April 13, 1938

Signed ST. LOUIS SMELTING & REFINING CO.
By *C. G. Lishman*
Title Secretary

IMPORTANT

March 18, 1939

BLANKS SHOULD BE COMPLETELY FILLED OUT AND RETURNED BY FEBRUARY 1, 1938

METAL MINES AND MILLS

Name of Mine or Plant St. Louis TunnelCounty DOLores COUNTY, Post Office Rico, District Pioneer

REPORT TO BUREAU OF MINES

STATE OF COLORADO

FOR THE YEAR 1937

OPERATOR.

Name of Company, Partnership or Individual } St. Louis Smelting & Refining Co.
Address of Principal Office 722 Chestnut St., St. Louis, Missouri
Local Office Rico, Colorado

If incorporated, under the laws of what state? Missouri

Names, titles and addresses of officers, partners. }

Name and Address of Owner Same as operator

If names of claims have been listed in previous reports, only changes, if any, need be given. }
Names and Numbers of patented claims _____

Total acreage _____
Names of unpatented claims _____

Total acreage _____

Do you own these claims, or do you operate them under lease? OwnWas your property operated in whole or in part during the past year? Development only

If you have given a lease to others for all or part of the property, state the names and P. O. address of the leasing companies, partnerships or individuals, together with the name or description of part leased, next below:

None

Is the work done by your lessees included in this report? _____

Have you a mill or reduction works? NO If so, what is its character and capacity? _____

List all improvements and developments made during the past year _____

Extension of tunnel, drifting & upraisesPRODUCTION NONE

CRUDE OR SHIPPING ORE: No. tons _____ Average gross value per ton \$ _____

Total value \$ _____ Average grade of different metallic content in ores as follows:

Gold _____ oz.	Lead _____ %	Copper _____ %	Sulphur _____ %
Silver _____ oz.	Zinc _____ %	Iron _____ %	Insoluble _____ %

MILLING ORE: Tons milled _____ Milling processes employed _____

Average gross value per ton crude ore milled \$ _____ Average grade crude ore milled in different metals as follows:

Gold _____ oz.	Lead _____ %	Copper _____ %	Sulphur _____ %
Silver _____ oz.	Zinc _____ %	Iron _____ %	Insoluble _____ %

CONCENTRATES: No. tons concentrates obtained from ores milled _____ Ratio of reduction _____ tons into 1. Average value per ton concentrates \$ _____ Total value \$ _____

Average grade concentrates in the different metals as follows:

Gold _____ oz.	Lead _____ %	Copper _____ %	Sulphur _____ %
Silver _____ oz.	Zinc _____ %	Iron _____ %	Insoluble _____ %

State average costs per ton for mining \$ _____, hauling \$ _____, freight \$ _____, milling \$ _____, smelting \$ _____.

If any of the following metals are produced, give percentage, amount and value of each as follows:

Tungsten _____ %, amount _____, value \$ _____. Uranium _____ %, amount _____, value \$ _____. Vanadium _____ %, amount _____, value \$ _____. Molybdenum _____ %, amount _____, value \$ _____. Fluorspar _____ %, amount _____, value \$ _____.

LABOR DATA

MINE					MILL		
No. of Days Operated	Average Number of Men Employed and Shifts Worked				No. of Days Operated	Average Number of Men Employed and Shifts Worked	
	Underground	No. of Shifts	Surface	No. of Shifts		No. of Men	No. of Shifts
312	28	312	4	312		None	
		8685		1194			

CLASSIFICATION OF LABOR IN AND ABOUT METAL MINES

UNDERGROUND			SURFACE		
	Total 8 hr. Shifts	Wage per Shift		Total 8 hr. Shifts	Wage per Shift
Miners	1371	\$ 5.25	Topmen		\$
Machine Runners	-	\$ -	Engineers	26	\$ 5.50
Machine Helpers	-	\$ -	Firemen		\$
Trammers & Muckers	5851	\$ 4.80	Machinists		\$
Foreman & Cagers Shift Bosses	1039	\$ 6.00	Blacksmiths	316	\$ 5.75
Timbermen	107	\$ 5.25	Carpenters	162	\$ 5.25
Pumpmen		\$	Superintendents		\$
Electricians	73	\$ 5.25	Foremen		\$
Other Underg'nd Labor	244	\$ 5.30	Shift Bosses General Labor	690	\$ 4.00

Total number of shifts performed by all men employed underground 8685

Total number of shifts performed by all men employed on surface 1194

Classification of Labor in Ore Dressing Plants, Mills and Other Surface Occupations

	Total 8 hr. Shifts	Wage per Shift		Total 8 hr. Shifts	Wage per Shift
Mill Superintendents		\$	Ore Sorters		\$
Mill Foremen		\$	Tram Men		\$
Mill Shift Bosses		\$	Teamsters		\$
Millmen	N O N E	\$	Timekeepers	N O N E	\$
Roustabouts		\$	Bookkeepers		\$
Machinists		\$	Storekeepers		\$
Electricians		\$	Cooks		\$
Carpenters		\$	Waiters		\$

Total number of shifts performed by all men employed in Mills, etc.

Total cost of operations during the year. If this cannot be given accurately, give approximately:

Remarks: Labor	\$49,767.00
All other cost	34,879.00
Total	\$84,646.00

Dated at St. Louis, Mo.,

March 20, 1939

Signed ST. LOUIS SMELTING & REFINING CO.

By *[Signature]*

Title Secretary

IMPORTANT

BLANKS SHOULD BE COMPLETELY FILLED OUT AND RETURNED BY FEBRUARY 1, 1938⁴⁶

METAL MINES AND MILLS

Name of Mine or Plant St. Louis TunnelCounty Dolores, Post Office _____, District _____

REPORT TO BUREAU OF MINES

STATE OF COLORADO

FOR THE YEAR 1939

OPERATOR.

Name of Company, Partnership or Individual } St. Louis Smelting & Refining Company
 Address of Principal Office 722 Chestnut Street, St. Louis, Missouri.
 Local Office Rico, Colorado

If incorporated, under the laws of what state? Missouri

Names, titles and addresses of officers, partners.

Name and Address of Owner _____

If names of claims
have been listed in
previous reports,
only changes, if
any, need be given.

Names and Numbers of patented claims _____

Total acreage _____

Names of unpatented claims _____

Total acreage _____

Do you own these claims, or do you operate them under lease? OWN

Was your property operated in whole or in part during the past year? In part (development work only)
 If you have given a lease to others for all or part of the property, state the names and P. O. address of the leasing companies, partnerships or individuals, together with the name or description of part leased, next below:

No

Is the work done by your lessees included in this report? _____

Have you a mill or reduction works? No If so, what is its character and capacity? _____

List all improvements and developments made during the past year _____

PRODUCTION

CRUDE OR SHIPPING ORE: No. tons 175 Average gross value per ton \$ 47.30Total value \$ 8,279.16 Average grade of different metallic content in ores as follows:

Gold <u>0.159</u> oz.	Lead <u>15.5</u> %	Copper <u>1.0</u> %	Sulphur <u>5.7</u> %
Silver <u>10.383</u> oz.	Zinc <u>20.5</u> %	Iron <u>5.2</u> %	Insoluble <u>0.67</u> %

MILLING ORE: Tons milled None Milling processes employed _____

Average gross value per ton crude ore milled \$ _____ Average grade crude ore milled in different metals as follows:

Gold _____ oz.	Lead _____ %	Copper _____ %	Sulphur _____ %
Silver _____ oz.	Zinc _____ %	Iron _____ %	Insoluble _____ %

CONCENTRATES: No. tons concentrates obtained from ores milled _____ Ratio of reduction
 _____ tons into 1. Average value per ton concentrates \$ _____ Total value \$ _____

Average grade concentrates in the different metals as follows:

Gold _____ oz.	Lead _____ %	Copper _____ %	Sulphur _____ %
Silver _____ oz.	Zinc _____ %	Iron _____ %	Insoluble _____ %

State average costs per ton for mining \$ _____, hauling \$ _____, freight \$ _____,
 milling \$ _____, smelting \$ _____.

If any of the following metals are produced, give percentage, amount and value of each as follows: NONE

Tungsten _____%, amount _____, value \$ _____. Uranium _____%, amount _____, value \$ _____. Vanadium _____%, amount _____, value \$ _____.

Molybdenum _____%, amount _____, value \$ _____. Fluorspar _____%, amount _____, value \$ _____.

LABOR DATA

MINE

~~MINE~~ Other Surface

No. of Days Operated	Average Number of Men Employed and Shifts Worked				No. of Days Operated	Average Number of Men Employed and Shifts Worked	
	Underground	No. of Shifts	Surface	No. of Shifts		No. of Men	No. of Shifts
180	31	5609	2	365	180	2	371

CLASSIFICATION OF LABOR IN AND ABOUT METAL MINES

UNDERGROUND

SURFACE

	Total 8 hr. Shifts	Wage per Shift		Total 8 hr. Shifts	Wage per Shift
Miners	1688	\$ 5.25	Topmen	29	\$ 5.25
Machine Runners		\$	Engineers	14	\$ 5.25
Machine Helpers		\$	Firemen		\$
Trammers & Muckers	3346	\$ 4.75	Machinists	138	\$ 4.75
Cagers	-	\$	Blacksmiths	160	\$ 5.75
Timbermen	185	\$ 5.25	Carpenters		\$
Pumpmen		\$	Superintendents		\$
Electricians	56	\$ 5.25	Foremen	-	\$
Other Underg'nd Labor	334	\$ 5.25	Shift Bosses Other	24	\$ 4.25

Total number of shifts performed by all men employed underground 5609

Total number of shifts performed by all men employed on surface 365

Classification of Labor in Ore Dressing Plants, Mills and Other Surface Occupations

	Total 8 hr. Shifts	Wage per Shift		Total 8 hr. Shifts	Wage per Shift
Mill Superintendents		\$	Ore Sorters		\$
Mill Foremen		\$	Tram Men		\$
Mill Shift Bosses		\$	Teamsters		\$
Millmen		\$	Timekeepers		\$
Roustabouts		\$	Bookkeepers		\$
Machinists		\$	Storekeepers		\$
Electricians	37	\$ 5.25	Cooks		\$
Carpenters		\$	Waiters		\$
Warehouse man	25	\$ 4.50	Other	309	\$ 4.00

Total number of shifts performed by all men employed in Mills, etc. other surface work 371

Total cost of operations during the year. If this cannot be given accurately, give approximately:
Approximately \$40,000.00

Remarks:

Dated at St. Louis, Missouri _____,

February 5th _____, 19 40

Signed ST. LOUIS SMELTING & REFINING CO.

By

Title

Secretary

IMPORTANT

1941

BLANKS SHOULD BE COMPLETELY FILLED OUT AND RETURNED BY FEBRUARY 1, 1938

METAL MINES AND MILLS

236

Name of Mine or Plant St. Louis TunnelCounty Dolores, Post Office _____, District _____**REPORT TO BUREAU OF MINES****STATE OF COLORADO**FOR THE YEAR 1940**OPERATOR.**Name of Company, Partnership or Individual } St. Louis Smelting & Refining Co.,Address of Principal Office 722 Chestnut Street, St. Louis, MissouriLocal Office Rico, ColoradoIf incorporated, under the laws of what state? Missouri

Names, titles and addresses of officers, partners.

Name and Address of Owner _____

Names and Numbers of patented claims _____

If names of claims have been listed in previous reports, only changes, if any, need be given.

Total acreage _____

Names of unpatented claims _____

Total acreage _____

Do you own these claims, or do you operate them under lease? Own

Was your property operated in whole or in part during the past year? In part (Development work only)

If you have given a lease to others for all or part of the property, state the names and P. O. address of the leasing companies, partnerships or individuals, together with the name or description of part leased, next below:

Is the work done by your lessees included in this report? _____

Have you a mill or reduction works? No If so, what is its character and capacity? _____

List all improvements and developments made during the past year _____

PRODUCTIONCRUDE OR SHIPPING ORE: No. tons 73 Average gross value per ton \$ 27.55Total value \$ 2,011.33 Average grade of different metallic content in ores as follows:

Gold <u>.047</u> oz.	Lead <u>14.4</u> %	Copper <u>.66</u> %	Sulphur _____ %
Silver <u>15.87</u> oz.	Zinc <u>17.4</u> %	Iron _____ %	Insoluble _____ %

MILLING ORE: Tons milled _____ Milling processes employed _____

Average gross value per ton crude ore milled \$ _____ Average grade crude ore milled in different metals as follows:

Gold _____ oz.	Lead _____ %	Copper _____ %	Sulphur _____ %
Silver _____ oz.	Zinc _____ %	Iron _____ %	Insoluble _____ %

CONCENTRATES: No. tons concentrates obtained from ores milled _____ Ratio of reduction _____

_____ tons into 1. Average value per ton concentrates \$ _____ Total value \$ _____

Average grade concentrates in the different metals as follows:

Gold _____ oz.	Lead _____ %	Copper _____ %	Sulphur _____ %
Silver _____ oz.	Zinc _____ %	Iron _____ %	Insoluble _____ %

State average costs per ton for mining \$ _____, hauling \$ _____, freight \$ _____,

milling \$ _____, smelting \$ _____.

If any of the following metals are produced, give percentage, amount and value of each as follows:

Tungsten _____%, amount _____, value \$ _____. Uranium _____%, amount _____, value \$ _____. Vanadium _____%, amount _____, value \$ _____. Molybdenum _____%, amount _____, value \$ _____. Fluorspar _____%, amount _____, value \$ _____.

LABOR DATA

MINE					MILKX OTHER SURFACE		
No. of Days Operated	Average Number of Men Employed and Shifts Worked				No. of Days Operated	Average Number of Men Employed and Shifts Worked	
	Underground	No. of Shifts	Surface	No. of Shifts		No. of Men	No. of Shifts
50	20	1006	1	65	50	1	79
			2	144			

CLASSIFICATION OF LABOR IN AND ABOUT METAL MINES
UNDERGROUND SURFACE

	Total 8 hr. Shifts	Wage per Shift		Total 8 hr. Shifts	Wage per Shift
Miners	334	\$ 5.25	Topmen		\$
Machine Runners		\$	Engineers		\$
Machine Helpers		\$	Firemen		\$
Trammers & Muckers	594	\$ 4.75	Machinists		\$
Cagers		\$	Blacksmiths	48	\$ 5.75
Timbermen	33	\$ 5.25	Carpenters	7	\$ 5.25
Pumpmen		\$	Superintendents		\$
Electricians	45	\$ 5.25	Foremen		\$
Other Underg'nd Labor		\$	Shift Bosses Other	10	\$ 4.00

Total number of shifts performed by all men employed underground 1006

Total number of shifts performed by all men employed on surface 65 144

Classification of Labor in Ore Dressing Plants, Mills and Other Surface Occupations

	Total 8 hr. Shifts	Wage per Shift		Total 8 hr. Shifts	Wage per Shift
Mill Superintendents		\$	Ore Sorters		\$
Mill Foremen		\$	Tram Men		\$
Mill Shift Bosses		\$	Teamsters		\$
Millmen		\$	Timekeepers		\$
Roustabouts		\$	Bookkeepers	79	\$ 5.00
Machinists		\$	Storekeepers		\$
Electricians		\$	Cooks		\$
Carpenters		\$	Waiters		\$

Total number of shifts performed by all men employed in Mills, etc. None

Total cost of operations during the year. If this cannot be given accurately, give approximately:

Approximately \$9,000.00

Remarks:

Dated at St Louis, Mo
Jan 30, 1941, 19__

Signed St. Louis Smelting & Refining Co.
By C. G. ...
Title Secretary

State average costs per ton for mining \$_____, hauling \$_____, freight \$_____,
milling \$_____, smelting \$_____.

If any of the following metals are produced, give percentage, amount and value of each as follows:

Tungsten _____%, amount _____, value \$ _____. Uranium _____%, amount _____, value \$ _____. Vanadium _____%, amount _____, value \$ _____. Molybdenum _____%, amount _____, value \$ _____. Fluorspar _____%, amount _____, value \$ _____.

LABOR DATA

MINE					MILL Other Surface		
No. of Days Operated	Average Number of Men Employed and Shifts Worked				No. of Days Operated	Average Number of Men Employed and Shifts Worked	
	Underground	No. of Shifts	Surface	No. of Shifts		No. of Men	No. of Shifts
273	19	5255	1	379	273	1	295

CLASSIFICATION OF LABOR IN AND ABOUT METAL MINES

UNDERGROUND			SURFACE		
	Total 8 hr. Shifts	Wage per Shift		Total 8 hr. Shifts	Wage per Shift
Miners	1511	\$ 5.25	Topmen		\$
Machine Runners		\$	Engineers		\$
Machine Helpers		\$	Firemen		\$
Trammers & Muckers	3366	\$ 4.75	Machinists		\$
Cagers		\$	Blacksmiths	273	\$5.75
Timbermen	281	\$ 5.25	Carpenters	1	\$5.25
Pumpmen		\$	Superintendents		\$
Electricians	9	\$ 5.25	Foremen		\$
Other Underg'nd Labor	88	\$ 5.00	Shift Bosses Other	105	\$ 4.75

Total number of shifts performed by all men employed underground 5255

Total number of shifts performed by all men employed on surface 379

Classification of Labor in Ore Dressing Plants, Mills and Other Surface Occupations

	Total 8 hr. Shifts	Wage per Shift		Total 8 hr. Shifts	Wage per Shift
Mill Superintendents		\$	Ore Sorters		\$
Mill Foremen		\$	Tram Men		\$
Mill Shift Bosses		\$	Teamsters		\$
Millmen		\$	Timekeepers		\$
Roustabouts		\$	Bookkeepers	295	\$ 5.00
Machinists		\$	Storekeepers		\$
Electricians		\$	Cooks		\$
Carpenters		\$	Waiters		\$

Total number of shifts performed by all men employed in Mills, etc.

Total cost of operations during the year. If this cannot be given accurately, give approximately:
Approximately \$35,000.00

Remarks:

Dated at St. Louis, Missouri,

February 17, 1942

Signed ST. LOUIS SMELTING & REFINING CO.

By

Title

Secretary

149

IMPORTANT

BLANKS SHOULD BE COMPLETELY FILLED OUT AND RETURNED BY MARCH 1, 1948

METAL MINES AND MILLS

Name of Mine or Plant ST. LOUIS TUNNEL

County Dolores, Post Office _____, District _____

REPORT TO BUREAU OF MINES

STATE OF COLORADO

For the Year 1947

OPERATOR

Name of Company, Partnership or Individual } RICO ARGENTINE MINING COMPANY

Address of Principal Office 132 So. Main Street, Salt Lake City, Utah

Local Office Rico, Colorado

If incorporated, under the laws of what state? Utah

Names, titles and addresses of Officers, Partners, Individuals } See No. 155

Names and numbers of patented claims _____

If names of claims have been listed in previous reports, only changes, if any, need be given } See No. 155

Total acreage _____

Names of unpatented claims _____

Total acreage _____

Do you operate these claims yourself or are they being worked under lease? _____

Was property operated in whole or in part during the past year? part

If you have given a lease for all or part of the property give names and P. O. address of said lessees, together with description of part leased _____

Is the work done by your lessees included in this report? _____

Have you a mill or reduction works? _____ If so, what is its character and capacity? _____

See No. 155

List all improvements and developments made during the year Cleaning up and retimbering old workings

Name of Owner RICO ARGENTINE MINING COMPANY

Address of Owner SALT LAKE CITY, UTAH

PRODUCTION

CRUDE OR SHIPPING ORE: No. of tons _____ Average gross value per ton \$ _____

Total value \$ _____ Average grade of different metallic content in ores as follows:

Gold _____ oz.	Lead _____ %	Copper _____ %	Sulphur _____ %
Silver _____ oz.	Zinc _____ %	Iron _____ %	Fluorspar _____ %
Tungsten _____ %	Vanadium _____ %	Uranium _____ %	Molybdenum _____ %

MILLING ORE: Tons milled _____ Milling processes employed _____

Average gross value per ton crude ore milled \$ _____ Average grade crude ore milled in different metals as follows:

Gold _____ oz.	Lead _____ %	Copper _____ %	Sulphur _____ %
Silver _____ oz.	Zinc _____ %	Iron _____ %	Fluorspar _____ %
Tungsten _____ %	Vanadium _____ %	Uranium _____ %	Molybdenum _____ %

BULLION: Sold to U. S. Mint or other places _____ Total amount: Gold _____ oz.

Silver _____ oz.

CONCENTRATES: No. tons concentrates obtained from ores milled..... Ratio of reduction
into one. Average value per ton concentrates \$..... Total value \$.....
 Average grade concentrates in the different metals as follows:
 Goldoz. Lead% Copper% Sulphur%
 Silveroz. Zinc% Iron% Fluorspar%
 Tungsten% Vanadium% Uranium% Molybdenum%
 COST OF PRODUCTION: State average cost per ton for mining \$....., hauling \$.....,
 freight \$....., milling \$....., smelting \$..... Total average cost per ton
 \$.....

LABOR DATA			
MINE		MILL	
No. of Days Operated	Average Number of Men Employed		No. of Days Operated
	Underground	Surface	
91	6	1	

CLASSIFICATION OF LABOR IN AND ABOUT METAL MINES					
UNDERGROUND			SURFACE		
	Total 8 Hr. Shifts	Wage Per Shift		Total 8 Hr. Shifts	Wage Per Shift
Miners.....		\$.....	Topmen.....		\$.....
Machinemen.....		\$.....	Hoistmen.....		\$.....
Machine Helpers.....		\$.....	Firemen.....		\$.....
Trammers & Muckers.....	273	\$8.66	Machinists.....		\$.....
Cagers & Skippers.....		\$.....	Blacksmiths.....		\$.....
Timbermen.....	277	\$9.16	Framer Carpenters.....	91	\$ 9.16
Pumpmen.....		\$.....	Superintendents.....		\$.....
Electricians.....		\$.....	Foremen.....		\$.....
Other Underg'nd Labor.....		\$.....	Shift Bosses.....		\$.....

CLASSIFICATION OF LABOR IN ORE DRESSING PLANTS AND MILLS					
	Total 8 Hr. Shifts	Wage Per Shift		Total 8 Hr. Shifts	Wage Per Shift
Superintendents.....		\$.....	Trammen.....		\$.....
Foremen.....		\$.....	Truckers.....		\$.....
Shift Bosses.....		\$.....	Teamsters.....		\$.....
Millmen.....		\$.....	Timekeepers.....		\$.....
Roustabouts.....		\$.....	Bookkeepers.....		\$.....
Machinists.....		\$.....	Storekeepers.....		\$.....
Electricians.....		\$.....	Cooks.....		\$.....
Carpenters.....		\$.....	Waiters.....		\$.....
Ore Sorters.....		\$.....			\$.....

Total number of shifts performed by all men underground..... 541
 Total number of shifts performed by all men on surface..... 91
 Total number of shifts performed by all men in mills.....
 Total cost of operations during the year. If this cannot be given accurately, give approximately.....

 Remarks:.....

Dated at Pico, Colorado,
April 14, 1948, 194.....
 Signed RICO ARGENTINE MINING COMPANY
 By NE Blaney
 Title General Superintendent

IMPORTANT

BLANKS SHOULD BE COMPLETELY FILLED OUT AND RETURNED BY MARCH 1, 1949.

METAL MINES AND MILLS

Name of Mine or Plant ST. LOUIS TUNNEL

County Dolores, Post Office _____, District _____

REPORT TO BUREAU OF MINES

STATE OF COLORADO

For the Year 1948.

OPERATOR

Name of Company, Partnership or Individual RICO ARGENTINE MINING COMPANY

Address of Principal Office SALT LAKE CITY, UTAH

Local Office RICO, COLORADO.

If incorporated, under the laws of what state? _____

Names, titles and addresses of Officers, Partners, Individuals See Argentine Mine No. 148

Names and numbers of patented claims _____

If names of claims have been listed in previous reports, only changes, if any, need be given See former lists.

Total acreage _____

Names of unpatented claims _____

Total acreage _____

Do you operate these claims yourself or are they being worked under lease? _____

Was property operated in whole or in part during the past year? Discontinued Operation during 1948

If you have given a lease for all or part of the property give names and P. O. address of said lessees, together with description of part leased _____

Is the work done by your lessees included in this report? NO OPERATION DURING 1948

Have you a mill or reduction works? _____, what is its character and capacity? _____

List all improvements and developments made during the year _____

Name of Owner _____

Address of Owner _____

PRODUCTION

CRUDE OR SHIPPING ORE: No. of tons _____ Average gross value per ton \$ _____

Total value \$ _____ Average grade of different metallic content in ores as follows:

Gold _____ oz.	Lead _____ %	Copper _____ %	Sulphur _____ %
Silver _____ oz.	Zinc _____ %	Iron _____ %	Fluorspar _____ %
Tungsten _____ %	Vanadium _____ %	Uranium _____ %	Molybdenum _____ %

MILLING ORE: Tons milled _____ Milling processes employed _____

Average gross value per ton crude ore milled \$ _____ Average grade crude ore milled in different metals as follows:

Gold _____ oz.	Lead _____ %	Copper _____ %	Sulphur _____ %
Silver _____ oz.	Zinc _____ %	Iron _____ %	Fluorspar _____ %
Tungsten _____ %	Vanadium _____ %	Uranium _____ %	Molybdenum _____ %

BULLION: Sold to U. S. Mint or other places _____ Total amount: Gold _____ oz.

Silver _____ oz.